



## PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200309715-1

APPLICATION NO.

10/780,927

CONFIRMATION NO.

1900

APPLICANT

B. Mark Hirst

FILING DATE

Feb. 17, 2004

GROUP

2838

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
<i>h</i>	1A	4720668	Jan. 19, 1988	Lee et al.	<i>h</i>
<i>h</i>	1B	4961048	Oct. 2, 1990	Banura	
<i>h</i>	1C	5004969	Apr. 2, 1991	Schanin	
<i>h</i>	1D	5006737	Apr. 9, 1991	Fay	
<i>h</i>	1E	5010261	Apr. 23, 1991	Steigerwald	
<i>h</i>	1F	5646514	Jul. 8, 1997	Tsunetsugu	
<i>h</i>	1G	6061253	May 9, 2000	Igarashi et al.	
<i>h</i>	1H	6115267	Sep. 5, 2000	Herbert	
<i>h</i>	1I	6351402	Feb. 26, 2002	Carroll	
<i>h</i>	1J	2003/0095421	May 22, 2003	Kadatsky et al.	
<i>h</i>	1K	6115267	Sep. 5, 2000	Herbert	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
<i>h</i>	1L	WO02089303	Nov 7, 2002	Andersen		X
	1M					
	1N					
	1O					
	1P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

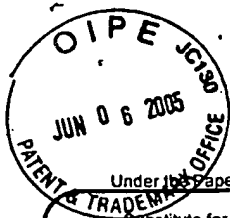
<i>h</i>	1Q	Donald A. Dapkus II, "Using Mos-Gated Power Transistor In AC Switch Applications", International Rectifier Design Tips.	<i>No Doc</i>
	1R		
	1S		

EXAMINER

*Ref. Law*

DATE CONSIDERED

*11/27/06*



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

**Complete if Known**

Application Number	10/780,927
Filing Date	Feb. 17, 2004
First Named Inventor	B. Mark Hirst
Art Unit	2838
Examiner Name	Not assigned
Attorney Docket Number	200309715-1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
C		US- 5,124,595	06-23-1992	Mandelcorn	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
C		JP11041946	02-12-1999	Nissin Electric		✓
		JP3082332	04-08-1991	Hitachi Ltd.		✓

Examiner  
Signature*Ref. name*Date  
Considered

1/27/06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

**Complete if Known**

<b>Application Number</b>	10/780,927
<b>Filing Date</b>	Feb. 17, 2004
<b>First Named Inventor</b>	B. Mark Hirst
<b>Art Unit</b>	2838
<b>Examiner Name</b>	Not assigned
<b>Attorney Docket Number</b>	200309715-1

Sheet	2	of	2
-------	---	----	---

## NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature		Date Considered	2/17/06
-----------------------	---	--------------------	---------

\*EXAMINER: Initial if reference considered; whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

***If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.***